

# SERVICE INFORMATION



75 West Plato Blvd. St. Paul, MN 55107  
300 Jacksonville Rd. Warminster, PA 18974

**BULLETIN NO. 129**

**DATE: Nov 03**

**RE: 223 Café Diem**

## **SUBJECT: Heater Relay Circuit- IMPORTANT MODIFICATION**

A design improvement has been incorporated in all APi Café Diem, Model 223, effective immediately. The heater relay circuit has been modified to provide extra protection in the event of a heater relay welding its contacts closed. If a heater relay remains in the energized position, it could continue to supply power to one of the heating elements, causing the water tank to boil. This condition may override the existing overtemperature safety system and could lead to damage to the water tank and other components, if sufficient water is boiled away.

Machines manufactured starting October 16, 2003 – S/N 22303289001 are fitted with a modified harness permitting the Power Relay to interrupt power to the heater circuit and all other 120Vac devices in the machine. The over-temperature safety thermostat will sense steam or hot liquid flowing through the overflow hose and de-energize the Power Relay thus removing power to an inoperable heater relay.

If your machine was made before October 16, 2003 and a serial number lower than 22303289001, (Year =03, Day = 289), Automatic Products int'l **HIGHLY RECOMMENDS THAT YOU IMMEDIATELY MODIFY** the relay harnesses in the Power Distribution Box.

The Power Relay Modification Kit is available for machines built before S/N 22303289001, October 16, 2003. This kit consists of three jumper wires, a new schematic decal, and a detailed instruction sheet on how to install the wiring modification.

The Power Relay Modification Kit P/N 27500105 should be ordered from your authorized APi Distributor or the APi Spare Parts Department in Warminster. This kit will be provided at no charge. Please supply the serial number of machine at the time of order. If you have any questions regarding the ordering, application or installation of this kit, contact Automatic Products international Product Support group at 800-523-8363 or 800-523-5932.